

Personal Computing: Network Protocol

Definition(s):

Data communication protocol used by desktop computers to talk among themselves, and to other servers and hosts, including mainframes.

Rationale:

A standard protocol is required to exchange information among computers and reduce the number of isolated computers and networks.

Approved Standards:

- The Internet Engineering Task Force develops proposed standards in the form of Requests For Comments (RFC's). The de facto standard worldwide is the Transmission Control Protocol/Internet Protocol (TCP/IP).
- TCP/IP version 4 (IPV4)

Approved Products:

(not applicable)

Guidelines/Technical Considerations:

All new networks (both local and wide-area) should use the standard protocol. All new applications should be designed to run over the standard, and network connectivity should be a mandatory capability for all state computers.

Review Cycle:

As needed

Timeline:

Issued: April, 2002

Transition:

The transition period will be dictated by Department/Agency transition plans and should begin upon publication of standards and acceptance of the department/agency transition plan.

Procurement:
(not applicable)

Date: _____

Approved by: _____